



566.38683CX1

JEW

Applicants: M. YOSHIDA, et al.

Application No.: 10/042,271

Filed: January 11, 2002

For: ABRASIVE, METHOD OF POLISHING TARGET MEMBER AND
PROCESS FOR PRODUCING SEMICONDUCTOR DEVICE

Group: 3723

Examiner: S. McDonald

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97 AND §1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 22, 2004

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find (1) an Office Action in a Japanese patent application corresponding to the above-identified application, and (2) a Supplementary European Search Report in connection with an European patent application corresponding to the above-identified application. Also enclosed are copies of the references listed in the respective Office Action and Search Report. Further enclosed is a Form, substantially equivalent to Form PTO-1449, listing the enclosed documents.

This Information Disclosure Statement is being submitted subsequent to a first Office Action on the merits in the above-identified application, and in an application which is not under a Final Office Action and wherein a Notice of Allowance has not been issued, and which is not under any other Office Action closing prosecution on the merits in the above-identified application. For satisfying requirements of 37 CFR § 1.97(c), the following Statement is made under 37 CFR § 1.97(e):

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

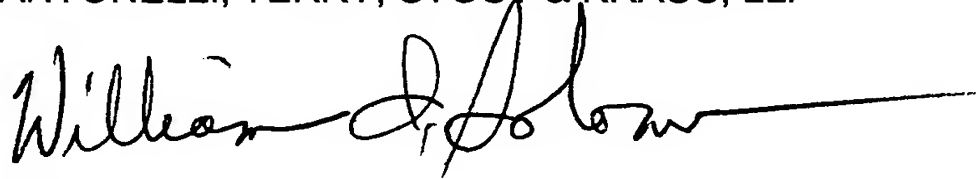
To the extent that the enclosed documents are not in English, it is respectfully submitted that requirements of 37 CFR § 1.98(a)(3) are satisfied by the English translation of the Office Action in connection with the corresponding Japanese application; by the enclosed European Search Report; and/or by English Abstracts and corresponding English-language patent documents corresponding to the enclosed non-English documents. In this regard, note that International (PCT) Published Application No. WO 93/22103 corresponds to Japanese Patent Document No. 7-502778, both being enclosed herewith.

In view of all of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR § 1.97 and § 1.98 have been satisfied, in connection with each of the documents listed on the enclosed Form. Accordingly, consideration of the listed documents, upon further examination of the above-identified application, is respectfully requested.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Deposit Account No. 01-2135 (Case No. 566.38683CX1), and please credit any excess fees to such Deposit Account.

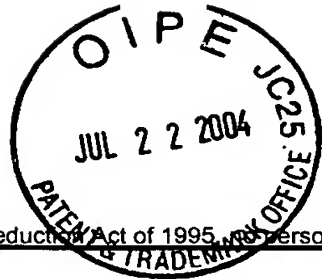
Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in black ink, appearing to read "William I. Solomon", with a long horizontal flourish extending to the right.

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/042,271 |
| Filing Date | 1/11/2002 |
| First Named Inventor | M. Yoshida, et al. |
| Art Unit | 3723 |
| Examiner Name | S. McDonald |
| Attorney Docket Number | 566.38683CX1 |

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 5,389,352 | 2/14/1995 | Wang | |
| | | US- | | | |
| | | US- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Abstract/Translation |
|-----------------------------------|--------------------------|---|--------------------------------|--|--|----------------------|
| | | Country Code ³ -Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | JP 08-181218 | 3/26/1996 | Nissan Chem. Ind., Ltd. | | X |
| | | JP 8-134435 | 5/28/1996 | Mitsui Mining & Smelting Co., Ltd. | | X |
| | | EP 0 939 431 | 9/1/1999 | Hitachi Chemical Co., Ltd. | | |
| | | WO 98/14987 | 4/9/1998 | Hitachi Chemical Co., Ltd. | | |
| | | EP 0 820 092 | 1/21/1998 | Hitachi Chemical Co., Ltd. | | |
| | | WO 97/29510 | 8/14/1997 | Hitachi Chemical Co., Ltd. | | X |
| | | WO 93/22103 | 11/11/1993 | Rodel, Inc. | | |
| | | JP 7-502778 | 3/23/1995 | Rodel, Inc. | | X |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials [*] | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------------------|-------------|---|----------------|
| | | Communication and European Search Report mailed June 18, 2004, for No. EP 98 96 1410 | |
| | | Japanese Office Action for corresponding Application No. JP 2000-539103, dated May 25, 2004 with English-language translation | |
| | | | |
| | | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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